Sheet 1 of 4

FORM PTO-1449

LIST OF DISCLOSURES CITED AND

(Use several sheets if necessary)

U.S. Dept. of Commerce Patent and Trademark Office Atty Docket No. P0894P1D2C4

Serial No. 09/896,856

Applicant

baker et al. Filing Date

29 Jun 2001

Group 1647

U.S. PATENT DOCUMENTS

Examiner								
nitials		Document Number	Date	Name	Class	Subclass	Filing Date	
TICH	* 1	4,339,441	13.07.82	Kalman et al.			/	
1 1	* 2	4,900,811	13.02.90	Sutcliffe, J.			/	
	* 3	4,923,696	08.05.90	Appel et al.				
	* 4	5,017,375	21.05.91	Appel et al.				
	* 5	5,141,856	25.08.92	Collins et al.	\			
	* 6	5,166,317	24.11.92	Wallace et al.				
	* 7	5,202,428	13.04.93	Schubert				
	* 8	5,206,007	27.04.93	Ooshima et al.				
	* 9	5,210,026	11.05.93	Kovesdi et al.				
	*10	5,214,031	25.05.93	Uchida				
	*11	5,215,969	01.06.93	Springer et al.		Y		
1	*12	5,218,094	08.06.93	della Valle				
	*13	5,242,798	07.09.93	Sutcliffe				
	*14	5,250,414	05.10.93	Schwab et al.				
	*15	5,284,932	08.02.94	Sen		ì	`	
	16	5,534,615	09.07.96	Baker et al.	•			
$-\Psi$	17	5,571,893	05.11.96 ·	Baker et al.				

FOREIGN PATENT DOCUMENTS

Examiner nitials		Document Number	Date	C	ountry	Class	Subclass	Transla Yes	ation No
RCH	*18	233,838	26.08.87	EPO					
1	*19	474,979	18.03.92	EPO					/
	*20	476,933	25.03.92	EPO					
}	*21	4,169,600A	17.06.92	JAPAN					
	*22	55-020721A	14.02.80	JAPAN		\			
	*23	WO 90/09399	23.08.90	PCT WIPO			\		
	*24	WO 92/11026	09.07.92	ECT WIPO			\		
	*25	WO-92/18140	29.10.92	ECT WIPO			$X \mid$		
- 1 - 1	*26	WO 92/20797	26.11.92	FCT WIPO			/\		
- -	*27	WO 92/22665	23.12.92	FCT WIPO			\		
1 1	*28	WO 93/03758	04.03.93	PCT WIPO			M		
1 1	*29	WO 93/06116	01.04.93	PCT WIPO			}	\	
1 1	*30	WO 93/07270	15.04.93	PET WIPO		,	1		
. [*31	WO 93/18065	16.09.93	PET WI PO				\	
\	32 *	WO 93/23556 \$	25.11.93	Pet w.Po					
$ \mathcal{V} $	*33	WO 93/24529	09.12.93	Pet WIPO					

Examiner Yayer Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

		JAN 182	000)C3)			Shee	2	of <u>4</u>		
FOR	M PTC	-1449	\$	U.S. Dept. of Commerce	Atty Docket No.	Serial	No.			
· RADEMARK OFF			ar de	Patent and Trademark Office P0894P1D2C4		09/8	96,856			
116	TOFF	DISCLOSURES CITED E	OV ADDUICANT	Talentano Madoman Omoo	Applicant					
					baker et al.					
(Use several sheets if necessary)					Filing Date		Group 1647			
					29 Jun 2001	Jun 2001 /6				
Cyamina			<u></u>	FOREIGN PATENT DOCUMENTS						
Examine Initials	eri	Document Number	Date	Country	Olean	0.4.1	Trans			
Ral	*34	WO 94/05788	17.03.94	Country DIPO	Class	Subclass	Yes	No		
IMI	1	10 347 03708						<u> </u>		
0 1		Barinaga, M., "Ne	urotrophic fact	OSURES (Including Author, Title, Date, I cors enter the clinic [news] " Sci	Pertinent Pages, etc.)	(1004)				
BCH	*35	3		sorb enter the errint (news) - ser	ence 264:772-774	(1994),				
\top		Bazan, J.F., "Neu	ropoietic Cytok	ines in the Hematopoietic Fold"	Neuron 7:197-208	(Aug 1991)				
- 1	*36	Bazan, J.F., "Neuropoietic Cytokines in the Hematopoietic Fold" Neuron 7:197-208 (Aug 1991)								
		Boheler et al., "	Gene Expression	in Cardiac Hypertrophy" TCM 2(5):176-182 (1992)					
	*37	7								
	38	Casali et al. <u>Sci</u>	ence 234:476-47	9 (1986)		· · · · · ·				
	-	Chen et al "Dha	rmagal and and Gb							
- 1	*39	Porcine Left Vent	ricle" <u>J. Cardi</u>	aracterization of the Activity o ovas. Pharmacol. 22(Suppl. 2):S9	f Endogenous Inot 3-S95 (1993)	ropic Fact	or fro	m		
+		Chien et al., "Re	gulation of Car	diac Gene Expression During Myoc	ardial Growth and	Hypertron	hv. Mo	legula		
\bot	*40	Chien et al., "Regulation of Cardiac Gene Expression During Myocardial Growth and Hypertrophy: Molecular Studies of an Adaptive Physiologic Response" FASEB Journal 5:3037-3046 (1991).								
	*41	Chien et al., "Transcriptional Regulation During Cardiac Growth and Development" Annu. Rev. Physiol. 55:77-95 (1993).								
	*42	Chien, K.R., "Molecular Advances in Cardiovascular Biology" Science 260(5110):916-917 (May 14, 1993)								
	*43	Davis et al., "The (1993).	e Molecular Bio	logy of the CNTF Receptor" <u>Curre</u>	nt Opinion in Cel	l Biology	5:281-2	285		
	44	Fanger et al., "B:	ispecific Antibo	odies" <u>Critical Reviews in Immun</u>	ology 12(3,4):101	-124 (1992) e			
		Frolin Hoomer Com			,					
	*45	12:1329-1340 (1980	0).	r Rat Cardiac Non-Muscle Cells in						
	*46	Grimm et al., "Ver Res. XIX:552-558	ntricular Nucle: (1966)	ic Acid and Protein Levels with !	Myocardial Growth	and Hyper	rophy	' Circ.		
	*47	Iwaki et al., "α- Expression in Neor 15, 1990)	and B-Adrenergi natal Rat Myocan	c Stimulation Induces Distinct F dial Cells" <u>Journal of Biologica</u>	Patterns of Immedi al Chemistry 265(2	iate Early 23):13809-1	Gene	(Aug		
	*48	Jackowski, A., "Ne	eural injury rep ritish Journal o	pair: hope for the future as barr of Neurosurgery 9:303-317 (1995)	riers to effective	e CNS reger	eratio	n		
	*49	Loading During ATE	P Depletion in C	n Inhibition of Arachidonic Adic ultured Rat Cardiac Myocytes" <u>Am</u>	Release and Prev Merican Journal of	vention of Pathology	Calciu '	ım		
	* 50	135(3):541-556 (19 Kanda et al., "An (1994)	Interleukin-6 S	ecreting Myxoma in a Hypertrophi	c Left Ventricle"	Chest 105	(3):96	2-963		
	*51	Karasik et al, "Gr JACC (abstract) 13	owth Factors Id (2):118A (1989)	entified in Myocardium of Patien	ts with Hypertrop	ohic Cardic	myopat	hy"		
1	52	Kim et al., "Detec of Immunological M	tion of Human L ethods 156:9-17	eukemia Inhibitory Factor by Mon (1992)	oclonal Antibody	Based ELIS	A" Jou	rnal		
yamine										

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 Serial No. Atty Docket No. U.S. Dept. of Commerce P0894P1D2C4 09/896,856 Patent and Trademark Office Applicant LIST OF DISCLOSURES CITED B baker et al. (Use several sheets if necessary) Filing Date Group 29 Jun 2001 1647 OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.) Kishimoto et al., "Cytokine Signal Transduction" Cell 76:253-262 (Jan 28, 1994) RCH *53 Kitamura et al., "Multimeric Cytokine Receptors" Trends Endocrinol. Metabol. 5(1):8-14 (1994) ***** 54 Knowlton et al., "Co-Regulation of the Atrial Natriuretic Factor and Cardiac Myosin Light Chain-2 Genes During α-Adrenergic Stimulation of Neonatal Rat Ventricular Cells" Journal of Biological Chemistry *55 266(12):7759-7768 (April 25, 1991) Knowlton et al., "The $lpha_{1a}$ -Adrenergic Receptor Subtype Mediates Biochemical, Molecular, and Morphologic Peatures of Cultured Myocardial Cell Hypertrophy" Journal of Biological Chemistry 268(21):15374-15380 *56 (Jul 25, 1993). Lee et al., "Atrial Natriuretic Factor Gene Expression in Ventricles of Rats with Spontaneous Biventricular Hypertrophy" J. Clin. Invest. 81:431-434 (1988) *57 Lee et al., "α1-Adrenergic Stimulation of Cardiac Gene Transcription in Neonatal Rat Myocardial Cells" Journal of Biological Chemistry 263(15):7352-7358 (1988). *58 Libby, P., "Long-Term Culture of Contractile Mammalian Heart Cells in a Defined Serum-Free Medium that Limits Non-Muscle Cell Proliferation" <u>Journal of Molecular and Cellular Cardiology</u> 16:803-811 (1984), Long et al., "A Growth Factor for Cardiac Myocytes is Produced by Cardiac Nonmyocytes" Cell Regulation 2:1081-1095 (Dec 1991) Long et al., "Trophic Factors in Cardiac Myocytes" <u>J. Hyper.</u> 8(Suppl. 7):S219-S224 (1990), *61 Long et al., "B-Adrenergic Stimulation of Cardiac Non-myocytes Augments the Growth-promoting Activity of Non-myocyte Conditioned Medium" J. Mol. Cell. Cardiol. 25:915-925 (1993). *62 Long, "TGF eta Isoform Expression and Effect in Neonatal Rat Cardiac Myocytes and Non-myocytes in Culture" *63 Circulation (Abstracts from the 65th Scientific Sessions) 86:I-837 (1992), McCormick et al., "Myofibrillar and Nonmyofibrillar Myocardial Proteins of Copper Deficient Rats" J. Nutr. (Minerals and Trade Elements) 119:1683-1690 (1989). *64 McDonald et al., "Expression and Characterization of Recombinant Human Ciliary Neurotrophic Factor from Escherichia coli" Biochimica et Biophysica Acta 1090:70-80 (1991) ***65** Miller-Hance et al., "In Vitro Chamber Specification During Embryonic Stem Cell Cardiogenesis. Expression of the ventricular myosin light chain-2 gene is independent of heart tube formation" The *66 Journal of Biological Chemistry 268(33):25244-25252 (Nov 25, 1993). Mir et al., "Isolation of a Negative Inotropic Factor from Blast Cells of Patients with Leukaemic Cardiomyopathy" Circulation (abstract 324) 55 & 56(Suppl. III):III-86 (1977). *67 Mir, "Evidence for Non-Infiltrative Neoplastic Cardiomyopathy and Presence of Negative Inotropic Factor in Acute Myeloid Leukaemia: A Clinico-Experimental Study" British Heart J. 39(3):355 (1977) *68 Mukherjee et al., "Effect of Myotrophin on Induction of Proto-Oncogenes, ANF and Contractile Element Transcript Levels" Circulation 86(4 (Suppl. I)):I-626 (1992). *69 Mukherjee et al., "Myotrophin Induces Early Response Genes and Enhances Cardiac Gene Expression" *****70 Hypertension 21(2):142-148 (1993). Neben et al., "The Biology of Interleukin 11" Stem Cells 11(Suppl. 2):156-162 (1993), *71 Orkin et al., "Report and Recommendations of the Panel to Assess the NIH Investment in Research on Gene Therapy" NIH, Bethesda, MD pps. 1-41 (1995), Examiner **Date Considered** Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-1449 LIST OF DISCLOSURES CITED BY

U.S. Dept. of Commerce Patent and Trademark Office Atty Docket No. P0894P1D2C4

Serial No. 09/896,856

Applicant

baker et al. Filing Date

Group

(Use several sheets if necessary)

29 Jun 2001 1647 OTHER DISCLOSURES (Including Author, Title, Date, Pertinent Pages, etc.) Patterson, "The Emerging Neuropoietic Cytokine Family: First CDF/LIF, CNTF and IL-6; next ONC, MGF, GCSF?" Curr. Opin. Neurobiol. 2:94-97 (1992) Par Pennica et al., "Expression cloning of cardiotrophin 1, a cytokine that induces cardiac myocyte *74 hypertrophy" Proc. Natl. Acad. Sci. USA 92:1142-1146 (1995). Ramaciotti et al., "Cardiac Endothelial Cells Modulate Contractility of Rat Heart in Response to Oxygen *****75 Tension and Coronary Flow" Circ. Res. 72(5):1044-1064 (1993) Robbins et al., "Mouse Embryonic Stem Cells Express the Cardiac Myosin Heavy Chain Genes During Development in Vitro Journal of Biological Chemistry 265(20):11905-11909 (1990). *76 Rockman et al., "Segregation of Atrial-Specific and Inducible Expression of an Atrial Natriuretic Factor Transgene in an in vivo Murine Model of Cardiac Hypertrophy" Proc. Natl. Acad. Sci. USA 88:8277-8281 *77 Rudinger, J., "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence" Peptide Hormones, J.A. Parsons, Baltimore:University Park Press pps. 1-7 (1976). *78 Sadoshima et al., "Autocrine Release of Angiotensin II Mediates Stretch-Induced Hypertrophy of Cardiac Myocytes in Vitro" <u>Cell</u> 75:977-984 (1993) ***79** Sarzani et al., "Regulation of Cardiac Growth Factors and Growth Factor Receptors Gene Expression by Growth Hormone" European Heart Journal (abst. suppl.) 13:326 (1992) *80 Sen et al., "Basic Science/Circulation: Myocardial Structure and Pathology-Hypertrophy" Circulation 80(4 *81 (Suppl. II)):II-616 (1989). Sen et al., "Myotrophin: Purification of a Novel Peptide from Spontaneously Hypertensive Rat Heart That Influences Myocardial Growth Journal of Biological Chemistry 265(27):16635-16643 (1990) *82 Shubeita et al., "Endothelin Induction of Inositol Phospholipid Hydrolysis, Sarcomere Assembly, and Cardiac Gene Expression in Ventricular Myocytes. A paracrine mechanism for myocardial cell hypertrophy" Journal of Biological Chemistry 265(33):20555-20562 (Nov 25, 1990).
Sil et al., "Myotrophin in Human Cardiomyopathic Heart" Circ. Res. 73(1):98-108 (1993). *84 Sil et al., "Purification of Myotrophin from Human Cardiomyopathic Heart" <u>FASEB J.</u> 5(5991):A1244 (1991). *85 Sil et al., "Role of Myotrophic in Pathophysiology of Cardiac Hypertrophy in Spontaneously Hypertensive Rat (SHR) " Circulation 88(4, part 2):I-613 (1993). *86 Simpson et al., "Differentiation of Rat Myocytes in Single Cell Cultures with and without Proliferating Nonmyocardial Cells. Cross-striations, ultrastructure, and chronotropic response to isoproterenol *87 Circulation Research 50(1):101-116 (Jan 1982) Simpson et al., "Myocyte Hypertrophy in Neonatal Rat Heart Cultures and Its Regulation by Serum and by Catecholamines" Circulation Research 51(6):787-801 (Dec 1982) *88 Suzuki et al., "Serum-Free, Chemically Defined Medium is Important to Investigate the Growth, Development and Function of Neonatal Rat Cardiac Myocytes in Culture" Trends in Animal Cell Culture Technology, Murakami (ed.), Tokyo:Kodansha pps. 61-66 (1990), Takemura et al., "Expression and Distribution of Atrial Natriuretic Peptide in Human Hypertrophic Ventricle of Hypertensive Hearts and Hearts with Hypertrophic Cardiomyopathy" Circulation 83(1):181-190 ***90** (1991)Tomida et al., "Preparation and Neutralization Characteristics of an Antibody to the Factor Inducing 91 Differentiation of Mouse Myeloid Leukemic Cells" FEBS Letts 151(2):281-285 (1983) Williams et al., "Cardiovascular Growth Factors" The Heart and Cardiovascular System, Fozzard et al. (eds.), New York:Raven Press, Chapter 72, pps. 1 (1986)

Examiner

Yayer

Date Considered

*Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.